

## **Appendix D**

### **Residential Water Well Dioxin Results**

## **DATA FLAGS**

In order to assist with data interpretation, data qualifier flags are used on the final reports. The most commonly used flags are:

- ND** = analyte not detected. Value is the detection limit.
- B** = analyte has been detected in the laboratory method blank as well as in an associated field sample.
- E** = indicates a concentration based on an analyte to internal standard ratio which exceeds the range of the calibration curve. Values which are outside the calibration curve are estimates only.
- I** = indicates labeled standards have been interfered with on the GC column by coeluting, interferent peaks. All quantitations relative to this standard, therefore, may be underestimated.
- J** = indicates a concentration based on an analyte to internal standard ration which is below the calibration curve. Values outside the calibration curve are estimates only.
- PR** = indicates that a GC peak is poorly resolved. The concentrations or amounts reported for such peaks are most likely overestimated.
- Q** = indicates the presence of QC ion instabilities caused by quantitative interferences.
- S** = indicates that the response of a specific PCDD/PCDF isomer has exceeded the normal dynamic range of the mass spectrometer detection system. The corresponding signal is saturated and the reported analyte concentration is a 'minimum estimate'. Results for saturated analytes are reported as greater than the upper calibration limit.
- U** = indicates that a specific isomer cannot be resolved from a large, coeluting interferent GC peak. The specific isomer is reported as not detected as a valid concentration cannot be determined. The calculated detection limit, therefore, should be considered an underestimated value.
- V** = indicates that, although the percent recovery of a labeled standard may be below a specific QC limit, the signal-to-noise ratio of the peak is greater than ten-to-one. The standard is considered reliably quantifiable. All quantitations derived from the standard are considered valid as well.
- X** = indicates that a polychlorodibenzofuran (PCDF) peak has eluted at the same time as the associated diphenyl ether (DPE) and that the DPE peak intensity is at least ten percent of the total PCDF peak intensity. Total PCDF values are flagged "X" if the total DPE contribution to the total PCDF value is greater than ten percent. All PCDF peaks that are significantly influenced by the presence of DPE peaks
- EMPC** = are either reported as "estimated maximum possible concentration" {EMPC} values without regard to the isotopic abundance ratio, or are included in the detection limit value depending on the analytical method.

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**PHASE II RESIDENTIAL WATER WELLS****4909 RIVER****TLI#58554**

| Analyte       | TEF    | Flags | Concentration<br>pg/l (ppq) |
|---------------|--------|-------|-----------------------------|
| 2378-TCDD     | 1      | ND    | 1.3                         |
| 12378-PeCDD   | 1      | ND    | 1.8                         |
| 123478-HxCDD  | 0.1    | ND    | 2.2                         |
| 123678-HxCDD  | 0.1    | ND    | 2.2                         |
| 123789-HxCDD  | 0.1    | ND    | 2.2                         |
| 1234678-HpCDD | 0.01   | ND    | 5.5                         |
| 12346789-OCDD | 0.0001 | ND    | 17.9                        |
| 2378TCDF      | 0.1    | ND    | 0.9                         |
| 12378-PeCDF   | 0.05   | ND    | 1.2                         |
| 23478-PeCDF   | 0.5    | ND    | 1.2                         |
| 123478-HxCDF  | 0.1    | ND    | 1.2                         |
| 123678-HxCDF  | 0.1    | ND    | 1.2                         |
| 234678-HxCDF  | 0.1    | ND    | 1.2                         |
| 123789-HxCDF  | 0.1    | ND    | 1.8                         |
| 1234678-HpCDF | 0.01   | ND    | 2.2                         |
| 1234789-HpCDF | 0.01   | ND    | 4.2                         |
| 12346789-OCDF | 0.0001 | ND    | 13                          |

Total TEQ: Non-Detects = Detection Limit 5.2  
Non-Detects = 1/2 d.l. 2.6  
Non-Detects = zero 0

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**PHASE II RESIDENTIAL WATER WELLS****9130 N. RIVER****TLI#57503r1**

| Analyte       | TEF    | Flags | Concentration<br>pg/l (ppq) |
|---------------|--------|-------|-----------------------------|
| 2378-TCDD     | 1      | ND    | 2.7                         |
| 12378-PeCDD   | 1      | ND    | 2.3                         |
| 123478-HxCDD  | 0.1    | ND    | 3.6                         |
| 123678-HxCDD  | 0.1    | ND    | 3.5                         |
| 123789-HxCDD  | 0.1    | ND    | 3.5                         |
| 1234678-HpCDD | 0.01   | J     | 11.9                        |
| 12346789-OCDD | 0.0001 | ND    | 304                         |
| 2378TCDF      | 0.1    | ND    | 2.1                         |
| 12378-PeCDF   | 0.05   | ND    | 1.8                         |
| 23478-PeCDF   | 0.5    | ND    | 1.7                         |
| 123478-HxCDF  | 0.1    | ND    | 2.2                         |
| 123678-HxCDF  | 0.1    | ND    | 2.2                         |
| 234678-HxCDF  | 0.1    | ND    | 2.3                         |
| 123789-HxCDF  | 0.1    | ND    | 3.3                         |
| 1234678-HpCDF | 0.01   | ND    | 3.5                         |
| 1234789-HpCDF | 0.01   | ND    | 5.4                         |
| 12346789-OCDF | 0.0001 | ND    | 11.2                        |

Total TEQ: Non-Detects = Detection Limit 8.4  
Non-Detects = 1/2 d.l. 4.3  
Non-Detects = zero 0.12

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**PHASE II RESIDENTIAL WATER WELLS****9350 N. RIVER****TLI#57503r1**

| Analyte       | TEF    | Flags | Concentration<br>pg/l (ppq) |
|---------------|--------|-------|-----------------------------|
| 2378-TCDD     | 1      | ND    | 2                           |
| 12378-PeCDD   | 1      | ND    | 1.7                         |
| 123478-HxCDD  | 0.1    | ND    | 2.5                         |
| 123678-HxCDD  | 0.1    | ND    | 2.5                         |
| 123789-HxCDD  | 0.1    | ND    | 2.4                         |
| 1234678-HpCDD | 0.01   | ND    | 9.4                         |
| 12346789-OCDD | 0.0001 | B     | 218                         |
| 2378TCDF      | 0.1    | ND    | 1.5                         |
| 12378-PeCDF   | 0.05   | ND    | 1.4                         |
| 23478-PeCDF   | 0.5    | ND    | 1.2                         |
| 123478-HxCDF  | 0.1    | ND    | 1.7                         |
| 123678-HxCDF  | 0.1    | ND    | 1.5                         |
| 234678-HxCDF  | 0.1    | ND    | 1.6                         |
| 123789-HxCDF  | 0.1    | ND    | 2.1                         |
| 1234678-HpCDF | 0.01   | ND    | 2.5                         |
| 1234789-HpCDF | 0.01   | ND    | 3.8                         |
| 12346789-OCDF | 0.0001 | ND    | 7.7                         |

Total TEQ: Non-Detects = Detection Limit 6.1  
Non-Detects = 1/2 d.l. 3.1  
Non-Detects = zero 0.022

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**PHASE II RESIDENTIAL WATER WELLS****9510 N. RIVER****TLI#57468**

| Analyte       | TEF    | Flags | Concentration<br>pg/l (ppq) |
|---------------|--------|-------|-----------------------------|
| 2378-TCDD     | 1      | ND    | 3.5                         |
| 12378-PeCDD   | 1      | ND    | 3.7                         |
| 123478-HxCDD  | 0.1    | ND    | 3.4                         |
| 123678-HxCDD  | 0.1    | ND    | 3.6                         |
| 123789-HxCDD  | 0.1    | ND    | 3.4                         |
| 1234678-HpCDD | 0.01   | ND    | 5.7                         |
| 12346789-OCDD | 0.0001 | J     | 6.2                         |
| 2378TCDF      | 0.1    | ND    | 2.8                         |
| 12378-PeCDF   | 0.05   | ND    | 3.1                         |
| 23478-PeCDF   | 0.5    | ND    | 2.3                         |
| 123478-HxCDF  | 0.1    | JB    | 4.3                         |
| 123678-HxCDF  | 0.1    | J     | 4.1                         |
| 234678-HxCDF  | 0.1    | JB    | 3.2                         |
| 123789-HxCDF  | 0.1    | ND, J | 3.1                         |
| 1234678-HpCDF | 0.01   | ND    | 4.2                         |
| 1234789-HpCDF | 0.01   | ND    | 5                           |
| 12346789-OCDF | 0.0001 | ND    | 7.4                         |

Total TEQ: Non-Detects = Detection Limit 11  
Non-Detects = 1/2 d.l. 6.3  
Non-Detects = zero 1.2

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**PHASE II RESIDENTIAL WATER WELLS****9510 N. RIVER****TLI#57468r1**

| Analyte       | TEF    | Flags | Concentration<br>pg/l (ppq) |
|---------------|--------|-------|-----------------------------|
| 2378-TCDD     | 1      | ND    | 6.7                         |
| 12378-PeCDD   | 1      | ND    | 7.6                         |
| 123478-HxCDD  | 0.1    | ND    | 7.7                         |
| 123678-HxCDD  | 0.1    | ND    | 7.1                         |
| 123789-HxCDD  | 0.1    | ND    | 7                           |
| 1234678-HpCDD | 0.01   | ND    | 13.5                        |
| 12346789-OCDD | 0.0001 | ND    | 21.4                        |
| 2378TCDF      | 0.1    | ND    | 5.8                         |
| 12378-PeCDF   | 0.05   | ND    | 5                           |
| 23478-PeCDF   | 0.5    | ND    | 4.9                         |
| 123478-HxCDF  | 0.1    | ND    | 5.1                         |
| 123678-HxCDF  | 0.1    | ND    | 4.9                         |
| 234678-HxCDF  | 0.1    | ND    | 5.3                         |
| 123789-HxCDF  | 0.1    | ND    | 7.3                         |
| 1234678-HpCDF | 0.01   | ND    | 7.2                         |
| 1234789-HpCDF | 0.01   | ND    | 11.1                        |
| 12346789-OCDF | 0.0001 | ND    | 17.8                        |

Total TEQ: Non-Detects = Detection Limit 22  
Non-Detects = 1/2 d.l. 11  
Non-Detects = zero 0

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**PHASE II RESIDENTIAL WATER WELLS****9600 N. RIVER****TLI#57503r1**

| Analyte       | TEF    | Flags | Concentration<br>pg/l (ppq) |
|---------------|--------|-------|-----------------------------|
| 2378-TCDD     | 1      | ND    | 3.2                         |
| 12378-PeCDD   | 1      | ND    | 2.7                         |
| 123478-HxCDD  | 0.1    | ND    | 4.2                         |
| 123678-HxCDD  | 0.1    | ND    | 4.2                         |
| 123789-HxCDD  | 0.1    | ND    | 4.2                         |
| 1234678-HpCDD | 0.01   | J     | 13                          |
| 12346789-OCDD | 0.0001 | B     | 237                         |
| 2378TCDF      | 0.1    | ND    | 2.6                         |
| 12378-PeCDF   | 0.05   | ND    | 2.2                         |
| 23478-PeCDF   | 0.5    | ND    | 2.2                         |
| 123478-HxCDF  | 0.1    | ND    | 2.7                         |
| 123678-HxCDF  | 0.1    | ND    | 2.4                         |
| 234678-HxCDF  | 0.1    | ND    | 2.7                         |
| 123789-HxCDF  | 0.1    | ND    | 3.6                         |
| 1234678-HpCDF | 0.01   | ND    | 3.9                         |
| 1234789-HpCDF | 0.01   | ND    | 6.8                         |
| 12346789-OCDF | 0.0001 | ND    | 13.4                        |

Total TEQ: Non-Detects = Detection Limit 10  
Non-Detects = 1/2 d.l. 5.1  
Non-Detects = zero 0.15

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**PHASE II RESIDENTIAL WATER WELLS****9690 N. RIVER****TLI#57503r1**

| Analyte       | TEF    | Flags | Concentration<br>pg/l (ppq) |
|---------------|--------|-------|-----------------------------|
| 2378-TCDD     | 1      | ND    | 1.9                         |
| 12378-PeCDD   | 1      | ND    | 1.6                         |
| 123478-HxCDD  | 0.1    | ND    | 2.4                         |
| 123678-HxCDD  | 0.1    | ND    | 2.3                         |
| 123789-HxCDD  | 0.1    | ND    | 2.3                         |
| 1234678-HpCDD | 0.01   | ND    | 14.2                        |
| 12346789-OCDD | 0.0001 | B     | 332                         |
| 2378TCDF      | 0.1    | ND    | 1.4                         |
| 12378-PeCDF   | 0.05   | ND    | 1.3                         |
| 23478-PeCDF   | 0.5    | ND    | 1.2                         |
| 123478-HxCDF  | 0.1    | ND    | 1.5                         |
| 123678-HxCDF  | 0.1    | ND    | 1.4                         |
| 234678-HxCDF  | 0.1    | ND    | 1.5                         |
| 123789-HxCDF  | 0.1    | ND    | 2                           |
| 1234678-HpCDF | 0.01   | ND    | 2.2                         |
| 1234789-HpCDF | 0.01   | ND    | 3.3                         |
| 12346789-OCDF | 0.0001 | ND    | 6                           |

Total TEQ: Non-Detects = Detection Limit 5.9  
Non-Detects = 1/2 d.l. 3.0  
Non-Detects = zero 0.033

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**PHASE II RESIDENTIAL WATER WELLS****9730 RIVER****TLI#58671**

| Analyte       | TEF    | Flags | Concentration<br>pg/l (ppq) |
|---------------|--------|-------|-----------------------------|
| 2378-TCDD     | 1      | ND    | 1.8                         |
| 12378-PeCDD   | 1      | ND    | 2.3                         |
| 123478-HxCDD  | 0.1    | ND    | 2.3                         |
| 123678-HxCDD  | 0.1    | ND    | 2.5                         |
| 123789-HxCDD  | 0.1    | ND    | 2.5                         |
| 1234678-HpCDD | 0.01   | ND    | 4.6                         |
| 12346789-OCDD | 0.0001 | ND    | 8.6                         |
| 2378TCDF      | 0.1    | ND    | 1.4                         |
| 12378-PeCDF   | 0.05   | ND    | 1.6                         |
| 23478-PeCDF   | 0.5    | ND    | 1.3                         |
| 123478-HxCDF  | 0.1    | ND    | 1.5                         |
| 123678-HxCDF  | 0.1    | ND    | 1.4                         |
| 234678-HxCDF  | 0.1    | ND    | 1.6                         |
| 123789-HxCDF  | 0.1    | ND    | 2.1                         |
| 1234678-HpCDF | 0.01   | ND    | 2.2                         |
| 1234789-HpCDF | 0.01   | ND    | 3.8                         |
| 12346789-OCDF | 0.0001 | ND    | 6.4                         |

Total TEQ: Non-Detects = Detection Limit 6.5  
Non-Detects = 1/2 d.l. 3.2  
Non-Detects = zero 0

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**PHASE II RESIDENTIAL WATER WELLS****9790 N. RIVER****TLI#57503r1**

| Analyte                | TEF    | Flags                         | Concentration<br>pg/l (ppq) |
|------------------------|--------|-------------------------------|-----------------------------|
| 2378-TCDD              | 1      | ND                            | 3.6                         |
| 12378-PeCDD            | 1      | ND                            | 3.2                         |
| 123478-HxCDD           | 0.1    | ND                            | 5.5                         |
| 123678-HxCDD           | 0.1    | ND                            | 5                           |
| 123789-HxCDD           | 0.1    | ND                            | 5.1                         |
| 1234678-HpCDD          | 0.01   | ND                            | 10.9                        |
| 12346789-OCDD          | 0.0001 | B                             | 346                         |
| 2378TCDF               | 0.1    | ND                            | 2.6                         |
| 12378-PeCDF            | 0.05   | ND                            | 2.6                         |
| 23478-PeCDF            | 0.5    | ND                            | 2.4                         |
| 123478-HxCDF           | 0.1    | ND                            | 3.3                         |
| 123678-HxCDF           | 0.1    | ND                            | 3.1                         |
| 234678-HxCDF           | 0.1    | ND                            | 3                           |
| 123789-HxCDF           | 0.1    | ND                            | 4.6                         |
| 1234678-HpCDF          | 0.01   | ND                            | 5.1                         |
| 1234789-HpCDF          | 0.01   | ND                            | 8.1                         |
| 12346789-OCDF          | 0.0001 | ND                            | 16.9                        |
| Total TEQ:             |        | Non-Detects = Detection Limit | 12                          |
| Non-Detects = 1/2 d.l. |        |                               | 5.8                         |
| Non-Detects = zero     |        |                               | 0.035                       |

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**PHASE II RESIDENTIAL WATER WELLS****9325 MIDLAND****TLI#58554**

| Analyte                | TEF    | Flags                         | Concentration<br>pg/l (ppq) |
|------------------------|--------|-------------------------------|-----------------------------|
| 2378-TCDD              | 1      | ND                            | 2.8                         |
| 12378-PeCDD            | 1      | ND                            | 3.7                         |
| 123478-HxCDD           | 0.1    | ND                            | 3.5                         |
| 123678-HxCDD           | 0.1    | ND                            | 3.6                         |
| 123789-HxCDD           | 0.1    | ND                            | 3.4                         |
| 1234678-HpCDD          | 0.01   | ND                            | 6                           |
| 12346789-OCDD          | 0.0001 | J                             | 13.8                        |
| 2378TCDF               | 0.1    | ND                            | 2.3                         |
| 12378-PeCDF            | 0.05   | ND                            | 2.4                         |
| 23478-PeCDF            | 0.5    | ND                            | 2.5                         |
| 123478-HxCDF           | 0.1    | J                             | 2.5                         |
| 123678-HxCDF           | 0.1    | ND                            | 2.2                         |
| 234678-HxCDF           | 0.1    | ND                            | 2.4                         |
| 123789-HxCDF           | 0.1    | ND                            | 3.5                         |
| 1234678-HpCDF          | 0.01   | J                             | 5.2                         |
| 1234789-HpCDF          | 0.01   | ND                            | 5.6                         |
| 12346789-OCDF          | 0.0001 | J                             | 41.1                        |
| Total TEQ:             |        | Non-Detects = Detection Limit | 10                          |
| Non-Detects = 1/2 d.l. |        |                               | 5.3                         |
| Non-Detects = zero     |        |                               | 0.31                        |

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**PHASE II RESIDENTIAL WATER WELLS****9341 MIDLAND****TLI#57468**

| Analyte       | TEF    | Flags | Concentration<br>pg/l (ppq) |
|---------------|--------|-------|-----------------------------|
| 2378-TCDD     | 1      | ND    | 4.8                         |
| 12378-PeCDD   | 1      | J     | 9.9                         |
| 123478-HxCDD  | 0.1    | ND    | 8.2                         |
| 123678-HxCDD  | 0.1    | JB    | 7.1                         |
| 123789-HxCDD  | 0.1    | JB    | 6.7                         |
| 1234678-HpCDD | 0.01   | ND    | 5.2                         |
| 12346789-OCDD | 0.0001 | J     | 8.3                         |
| 2378TCDF      | 0.1    | ND    | 6.4                         |
| 12378-PeCDF   | 0.05   | JB    | 11.2                        |
| 23478-PeCDF   | 0.5    | ND    | 6.7                         |
| 123478-HxCDF  | 0.1    | JB    | 7.5                         |
| 123678-HxCDF  | 0.1    | J     | 8.5                         |
| 234678-HxCDF  | 0.1    | ND    | 7.2                         |
| 123789-HxCDF  | 0.1    | J     | 8.4                         |
| 1234678-HpCDF | 0.01   | J     | 4.5                         |
| 1234789-HpCDF | 0.01   | J     | 4.1                         |
| 12346789-OCDF | 0.0001 | ND    | 4.7                         |

Total TEQ: Non-Detects = Detection Limit 25  
Non-Detects = 1/2 d.l. 20  
Non-Detects = zero 14

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**PHASE II RESIDENTIAL WATER WELLS****9341 MIDLAND****TLI#57468r1**

| Analyte       | TEF    | Flags | Concentration<br>pg/l (ppq) |
|---------------|--------|-------|-----------------------------|
| 2378-TCDD     | 1      | ND    | 3.6                         |
| 12378-PeCDD   | 1      | ND    | 3.5                         |
| 123478-HxCDD  | 0.1    | ND    | 4.2                         |
| 123678-HxCDD  | 0.1    | ND    | 3.7                         |
| 123789-HxCDD  | 0.1    | ND    | 3.7                         |
| 1234678-HpCDD | 0.01   | ND    | 6.7                         |
| 12346789-OCDD | 0.0001 | ND    | 10.3                        |
| 2378TCDF      | 0.1    | ND    | 2.9                         |
| 12378-PeCDF   | 0.05   | ND    | 2.8                         |
| 23478-PeCDF   | 0.5    | ND    | 2.3                         |
| 123478-HxCDF  | 0.1    | ND    | 2.5                         |
| 123678-HxCDF  | 0.1    | ND    | 2.5                         |
| 234678-HxCDF  | 0.1    | ND    | 2.7                         |
| 123789-HxCDF  | 0.1    | ND    | 3.6                         |
| 1234678-HpCDF | 0.01   | ND    | 3.8                         |
| 1234789-HpCDF | 0.01   | ND    | 5.6                         |
| 12346789-OCDF | 0.0001 | ND    | 8.6                         |

Total TEQ: Non-Detects = Detection Limit 11  
Non-Detects = 1/2 d.l. 5.6  
Non-Detects = zero 0

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**PHASE II RESIDENTIAL WATER WELLS****9341 MIDLAND****TLI#58554**

| Analyte       | TEF    | Flags | Concentration<br>pg/l (ppq) |
|---------------|--------|-------|-----------------------------|
| 2378-TCDD     | 1      | ND    | 1.7                         |
| 12378-PeCDD   | 1      | ND    | 2.2                         |
| 123478-HxCDD  | 0.1    | ND    | 3.2                         |
| 123678-HxCDD  | 0.1    | ND    | 3.5                         |
| 123789-HxCDD  | 0.1    | ND    | 3.4                         |
| 1234678-HpCDD | 0.01   | ND    | 7.5                         |
| 12346789-OCDD | 0.0001 | ND    | 15.2                        |
| 2378TCDF      | 0.1    | ND    | 1.5                         |
| 12378-PeCDF   | 0.05   | ND    | 1.6                         |
| 23478-PeCDF   | 0.5    | ND    | 1.3                         |
| 123478-HxCDF  | 0.1    | ND    | 2.5                         |
| 123678-HxCDF  | 0.1    | ND    | 2.3                         |
| 234678-HxCDF  | 0.1    | ND    | 2.3                         |
| 123789-HxCDF  | 0.1    | ND    | 3.6                         |
| 1234678-HpCDF | 0.01   | ND    | 4                           |
| 1234789-HpCDF | 0.01   | ND    | 6.8                         |
| 12346789-OCDF | 0.0001 | ND    | 11.3                        |

Total TEQ: Non-Detects = Detection Limit 7.0  
Non-Detects = 1/2 d.l. 3.5  
Non-Detects = zero 0

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**PHASE II RESIDENTIAL WATER WELLS****9435 MIDLAND****TLI#57514r1**

| Analyte       | TEF    | Flags | Concentration<br>pg/l (ppq) |
|---------------|--------|-------|-----------------------------|
| 2378-TCDD     | 1      | ND    | 9.9                         |
| 12378-PeCDD   | 1      | JB    | 25.5                        |
| 123478-HxCDD  | 0.1    | ND    | 30.5                        |
| 123678-HxCDD  | 0.1    | J     | 34                          |
| 123789-HxCDD  | 0.1    | JB    | 30.4                        |
| 1234678-HpCDD | 0.01   | JB    | 33.3                        |
| 12346789-OCDD | 0.0001 | J     | 70.2                        |
| 2378TCDF      | 0.1    | ND    | 13.4                        |
| 12378-PeCDF   | 0.05   | JB    | 36.1                        |
| 23478-PeCDF   | 0.5    | JB    | 20.4                        |
| 123478-HxCDF  | 0.1    | JB    | 19.6                        |
| 123678-HxCDF  | 0.1    | JB    | 22.8                        |
| 234678-HxCDF  | 0.1    | JB    | 24.7                        |
| 123789-HxCDF  | 0.1    | JB    | 28.5                        |
| 1234678-HpCDF | 0.01   | JB    | 26.3                        |
| 1234789-HpCDF | 0.01   | J     | 18.1                        |
| 12346789-OCDF | 0.0001 | ND    | 50.6                        |

Total TEQ: Non-Detects = Detection Limit 69  
Non-Detects = 1/2 d.l. 61  
Non-Detects = zero 54

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**PHASE II RESIDENTIAL WATER WELLS****9435 MIDLAND****TLI#58354**

| Analyte       | TEF    | Flags | Concentration<br>pg/l (ppq) |
|---------------|--------|-------|-----------------------------|
| 2378-TCDD     | 1      | ND    | 4.3                         |
| 12378-PeCDD   | 1      | ND    | 5                           |
| 123478-HxCDD  | 0.1    | ND    | 5.6                         |
| 123678-HxCDD  | 0.1    | ND    | 5.5                         |
| 123789-HxCDD  | 0.1    | ND    | 5.2                         |
| 1234678-HpCDD | 0.01   | ND    | 8.5                         |
| 12346789-OCDD | 0.0001 | ND    | 11.2                        |
| 2378TCDF      | 0.1    | ND    | 3.5                         |
| 12378-PeCDF   | 0.05   | ND    | 3.4                         |
| 23478-PeCDF   | 0.5    | ND    | 3.2                         |
| 123478-HxCDF  | 0.1    | ND    | 3.6                         |
| 123678-HxCDF  | 0.1    | ND    | 3.5                         |
| 234678-HxCDF  | 0.1    | ND    | 3.9                         |
| 123789-HxCDF  | 0.1    | ND    | 4.9                         |
| 1234678-HpCDF | 0.01   | ND    | 5.2                         |
| 1234789-HpCDF | 0.01   | ND    | 7.5                         |
| 12346789-OCDF | 0.0001 | ND    | 9.4                         |

Total TEQ: Non-Detects = Detection Limit 15  
Non-Detects = 1/2 d.l. 7.4  
Non-Detects = zero 0

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**PHASE II RESIDENTIAL WATER WELLS****9465 MIDLAND****TLI#57503r1**

| Analyte       | TEF    | Flags | Concentration<br>pg/l (ppq) |
|---------------|--------|-------|-----------------------------|
| 2378-TCDD     | 1      | ND    | 6.2                         |
| 12378-PeCDD   | 1      | ND    | 5.7                         |
| 123478-HxCDD  | 0.1    | ND    | 9.4                         |
| 123678-HxCDD  | 0.1    | ND    | 9.8                         |
| 123789-HxCDD  | 0.1    | ND    | 9.4                         |
| 1234678-HpCDD | 0.01   | ND    | 23.1                        |
| 12346789-OCDD | 0.0001 | ND    | 45.8                        |
| 2378TCDF      | 0.1    | ND    | 5.1                         |
| 12378-PeCDF   | 0.05   | ND    | 4.8                         |
| 23478-PeCDF   | 0.5    | ND    | 4.1                         |
| 123478-HxCDF  | 0.1    | ND    | 6.2                         |
| 123678-HxCDF  | 0.1    | ND    | 5.9                         |
| 234678-HxCDF  | 0.1    | ND    | 6.4                         |
| 123789-HxCDF  | 0.1    | ND    | 8.8                         |
| 1234678-HpCDF | 0.01   | ND    | 10.4                        |
| 1234789-HpCDF | 0.01   | ND    | 17.1                        |
| 12346789-OCDF | 0.0001 | ND    | 39.8                        |

Total TEQ: Non-Detects = Detection Limit 21  
Non-Detects = 1/2 d.l. 10  
Non-Detects = zero 0

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**PHASE II RESIDENTIAL WATER WELLS****9507 MIDLAND****TLI#57468**

| Analyte       | TEF    | Flags | Concentration<br>pg/l (ppq) |
|---------------|--------|-------|-----------------------------|
| 2378-TCDD     | 1      | ND    | 2                           |
| 12378-PeCDD   | 1      | ND    | 2.1                         |
| 123478-HxCDD  | 0.1    | ND    | 2.2                         |
| 123678-HxCDD  | 0.1    | ND    | 2.2                         |
| 123789-HxCDD  | 0.1    | ND    | 2.2                         |
| 1234678-HpCDD | 0.01   | ND    | 3.5                         |
| 12346789-OCDD | 0.0001 | ND    | 6.1                         |
| 2378TCDF      | 0.1    | ND    | 1.5                         |
| 12378-PeCDF   | 0.05   | ND    | 1.8                         |
| 23478-PeCDF   | 0.5    | ND    | 1.3                         |
| 123478-HxCDF  | 0.1    | ND    | 1.5                         |
| 123678-HxCDF  | 0.1    | ND    | 1.6                         |
| 234678-HxCDF  | 0.1    | ND    | 1.4                         |
| 123789-HxCDF  | 0.1    | ND    | 2.1                         |
| 1234678-HpCDF | 0.01   | ND    | 2.4                         |
| 1234789-HpCDF | 0.01   | ND    | 3.1                         |
| 12346789-OCDF | 0.0001 | ND    | 5                           |

Total TEQ: Non-Detects = Detection Limit 6.4  
Non-Detects = 1/2 d.l. 3.2  
Non-Detects = zero 0

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**PHASE II RESIDENTIAL WATER WELLS****9509 MIDLAND****TLI#57468**

| Analyte       | TEF    | Flags | Concentration<br>pg/l (ppq) |
|---------------|--------|-------|-----------------------------|
| 2378-TCDD     | 1      | ND    | 5.8                         |
| 12378-PeCDD   | 1      | ND    | 4.8                         |
| 123478-HxCDD  | 0.1    | ND    | 4.8                         |
| 123678-HxCDD  | 0.1    | ND    | 4.9                         |
| 123789-HxCDD  | 0.1    | ND    | 4.7                         |
| 1234678-HpCDD | 0.01   | ND    | 8.4                         |
| 12346789-OCDD | 0.0001 | ND    | 13.4                        |
| 2378TCDF      | 0.1    | ND    | 4.4                         |
| 12378-PeCDF   | 0.05   | ND    | 4.5                         |
| 23478-PeCDF   | 0.5    | ND    | 3.2                         |
| 123478-HxCDF  | 0.1    | ND    | 3.6                         |
| 123678-HxCDF  | 0.1    | ND    | 4                           |
| 234678-HxCDF  | 0.1    | ND    | 3.1                         |
| 123789-HxCDF  | 0.1    | ND    | 5                           |
| 1234678-HpCDF | 0.01   | ND    | 5.5                         |
| 1234789-HpCDF | 0.01   | ND    | 7.2                         |
| 12346789-OCDF | 0.0001 | ND    | 11.1                        |

Total TEQ: Non-Detects = Detection Limit 16  
Non-Detects = 1/2 d.l. 8.0  
Non-Detects = zero 0

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**PHASE II RESIDENTIAL WATER WELLS****9515 MIDLAND****TLI#57514r1**

| Analyte       | TEF    | Flags | Concentration<br>pg/l (ppq) |
|---------------|--------|-------|-----------------------------|
| 2378-TCDD     | 1      | ND    | 3.1                         |
| 12378-PeCDD   | 1      | J,B   | 6.5                         |
| 123478-HxCDD  | 0.1    | J,B   | 6.3                         |
| 123678-HxCDD  | 0.1    | J     | 5.6                         |
| 123789-HxCDD  | 0.1    | ND    | 6.2                         |
| 1234678-HpCDD | 0.01   | J,B   | 8.1                         |
| 12346789-OCDD | 0.0001 | J     | 21.7                        |
| 2378TCDF      | 0.1    | ND    | 2.9                         |
| 12378-PeCDF   | 0.05   | J,B   | 5.4                         |
| 23478-PeCDF   | 0.5    | ND    | 4.6                         |
| 123478-HxCDF  | 0.1    | J,B   | 5.9                         |
| 123678-HxCDF  | 0.1    | ND    | 5.3                         |
| 234678-HxCDF  | 0.1    | ND    | 5.2                         |
| 123789-HxCDF  | 0.1    | J,B   | 6.7                         |
| 1234678-HpCDF | 0.01   | ND    | 6.2                         |
| 1234789-HpCDF | 0.01   | ND    | 5                           |
| 12346789-OCDF | 0.0001 | ND    | 8.1                         |

Total TEQ: Non-Detects = Detection Limit 17  
Non-Detects = 1/2 d.l. 13  
Non-Detects = zero 9.3

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**PHASE II RESIDENTIAL WATER WELLS****9515 MIDLAND****TLI#58354r1**

| Analyte       | TEF    | Flags | Concentration<br>pg/l (ppq) |
|---------------|--------|-------|-----------------------------|
| 2378-TCDD     | 1      | J     | 3.1                         |
| 12378-PeCDD   | 1      | J     | 8.2                         |
| 123478-HxCDD  | 0.1    | J     | 6.7                         |
| 123678-HxCDD  | 0.1    | J     | 5.8                         |
| 123789-HxCDD  | 0.1    | J     | 6.6                         |
| 1234678-HpCDD | 0.01   | J     | 5.4                         |
| 12346789-OCDD | 0.0001 | J     | 5.7                         |
| 2378TCDF      | 0.1    | J     | 2.9                         |
| 12378-PeCDF   | 0.05   | J     | 6.9                         |
| 23478-PeCDF   | 0.5    | ND    | 6.1                         |
| 123478-HxCDF  | 0.1    | ND    | 7.8                         |
| 123678-HxCDF  | 0.1    | JB    | 6.6                         |
| 234678-HxCDF  | 0.1    | J     | 5.8                         |
| 123789-HxCDF  | 0.1    | J     | 6.8                         |
| 1234678-HpCDF | 0.01   | JB    | 5.3                         |
| 1234789-HpCDF | 0.01   | J     | 5.2                         |
| 12346789-OCDF | 0.0001 | J     | 6.2                         |

Total TEQ: Non-Detects = Detection Limit 20  
Non-Detects = 1/2 d.l. 18  
Non-Detects = zero 16

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**PHASE II RESIDENTIAL WATER WELLS****9551 MIDLAND****TLI#57468**

| Analyte       | TEF    | Flags | Concentration<br>pg/l (ppq) |
|---------------|--------|-------|-----------------------------|
| 2378-TCDD     | 1      | ND    | 2.2                         |
| 12378-PeCDD   | 1      | ND    | 2.3                         |
| 123478-HxCDD  | 0.1    | ND    | 2.5                         |
| 123678-HxCDD  | 0.1    | ND    | 2.5                         |
| 123789-HxCDD  | 0.1    | ND    | 2.4                         |
| 1234678-HpCDD | 0.01   | ND    | 4.2                         |
| 12346789-OCDD | 0.0001 | ND    | 6.5                         |
| 2378TCDF      | 0.1    | ND    | 1.7                         |
| 12378-PeCDF   | 0.05   | ND    | 2                           |
| 23478-PeCDF   | 0.5    | ND    | 1.5                         |
| 123478-HxCDF  | 0.1    | ND    | 1.8                         |
| 123678-HxCDF  | 0.1    | ND    | 1.9                         |
| 234678-HxCDF  | 0.1    | ND    | 1.6                         |
| 123789-HxCDF  | 0.1    | ND    | 2.3                         |
| 1234678-HpCDF | 0.01   | ND    | 3                           |
| 1234789-HpCDF | 0.01   | ND    | 3.6                         |
| 12346789-OCDF | 0.0001 | ND    | 5.4                         |

Total TEQ: Non-Detects = Detection Limit      7.1  
Non-Detects = 1/2 d.l.      3.6  
Non-Detects = zero      0

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**PHASE II RESIDENTIAL WATER WELLS****9565 MIDLAND****TLI#57503r1**

| Analyte       | TEF    | Flags | Concentration<br>pg/l (ppq) |
|---------------|--------|-------|-----------------------------|
| 2378-TCDD     | 1      | ND    | 2.6                         |
| 12378-PeCDD   | 1      | ND    | 2.4                         |
| 123478-HxCDD  | 0.1    | ND    | 3.8                         |
| 123678-HxCDD  | 0.1    | ND    | 3.6                         |
| 123789-HxCDD  | 0.1    | ND    | 3.6                         |
| 1234678-HpCDD | 0.01   | ND    | 8.3                         |
| 12346789-OCDD | 0.0001 | ND    | 30.5                        |
| 2378TCDF      | 0.1    | ND    | 3.7                         |
| 12378-PeCDF   | 0.05   | ND    | 2                           |
| 23478-PeCDF   | 0.5    | ND    | 1.6                         |
| 123478-HxCDF  | 0.1    | ND    | 2.3                         |
| 123678-HxCDF  | 0.1    | ND    | 2.3                         |
| 234678-HxCDF  | 0.1    | ND    | 2.4                         |
| 123789-HxCDF  | 0.1    | ND    | 3.3                         |
| 1234678-HpCDF | 0.01   | ND    | 3.4                         |
| 1234789-HpCDF | 0.01   | ND    | 6                           |
| 12346789-OCDF | 0.0001 | ND    | 12.5                        |

Total TEQ: Non-Detects = Detection Limit      8.6  
Non-Detects = 1/2 d.l.      4.3  
Non-Detects = zero      0

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**PHASE II RESIDENTIAL WATER WELLS****9595 MIDLAND****TLI#57503r1**

| Analyte       | TEF    | Flags | Concentration<br>pg/l (ppq) |
|---------------|--------|-------|-----------------------------|
| 2378-TCDD     | 1      | ND    | 2.1                         |
| 12378-PeCDD   | 1      | ND    | 1.9                         |
| 123478-HxCDD  | 0.1    | ND    | 2.8                         |
| 123678-HxCDD  | 0.1    | ND    | 2.8                         |
| 123789-HxCDD  | 0.1    | ND    | 2.8                         |
| 1234678-HpCDD | 0.01   | J     | 15.1                        |
| 12346789-OCDD | 0.0001 | B     | 282                         |
| 2378TCDF      | 0.1    | ND    | 1.7                         |
| 12378-PeCDF   | 0.05   | ND    | 1.5                         |
| 23478-PeCDF   | 0.5    | ND    | 1.3                         |
| 123478-HxCDF  | 0.1    | ND    | 1.8                         |
| 123678-HxCDF  | 0.1    | ND    | 1.7                         |
| 234678-HxCDF  | 0.1    | ND    | 1.6                         |
| 123789-HxCDF  | 0.1    | ND    | 2.6                         |
| 1234678-HpCDF | 0.01   | ND    | 3                           |
| 1234789-HpCDF | 0.01   | ND    | 4.8                         |
| 12346789-OCDF | 0.0001 | ND    | 9.5                         |

Total TEQ: Non-Detects = Detection Limit      6.8  
Non-Detects = 1/2 d.l.      3.5  
Non-Detects = zero      0.18

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**PHASE II RESIDENTIAL WATER WELLS****9620 MIDLAND****TLI#58368**

| Analyte       | TEF    | Flags | Concentration<br>pg/l (ppq) |
|---------------|--------|-------|-----------------------------|
| 2378-TCDD     | 1      | ND    | 2.4                         |
| 12378-PeCDD   | 1      | ND    | 3.5                         |
| 123478-HxCDD  | 0.1    | ND    | 4.2                         |
| 123678-HxCDD  | 0.1    | ND    | 4.2                         |
| 123789-HxCDD  | 0.1    | ND    | 4                           |
| 1234678-HpCDD | 0.01   | ND    | 8.4                         |
| 12346789-OCDD | 0.0001 | ND    | 14.9                        |
| 2378TCDF      | 0.1    | ND    | 1.9                         |
| 12378-PeCDF   | 0.05   | ND    | 2.2                         |
| 23478-PeCDF   | 0.5    | ND    | 2.1                         |
| 123478-HxCDF  | 0.1    | ND    | 2.6                         |
| 123678-HxCDF  | 0.1    | ND    | 2.7                         |
| 234678-HxCDF  | 0.1    | ND    | 2.9                         |
| 123789-HxCDF  | 0.1    | ND    | 4.1                         |
| 1234678-HpCDF | 0.01   | ND    | 4.6                         |
| 1234789-HpCDF | 0.01   | ND    | 7.3                         |
| 12346789-OCDF | 0.0001 | ND    | 12.4                        |

Total TEQ: Non-Detects = Detection Limit      9.9  
Non-Detects = 1/2 d.l.      5.0  
Non-Detects = zero      0

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**PHASE II RESIDENTIAL WATER WELLS****9670 MIDLAND****TLI#58368r1**

| Analyte  | TEF    | Flags | Concentration<br>pg/l (ppq) |
|--|--------|-------|-----------------------------|
| 2378-TCDD  | 1      | ND    | 1.4                         |
| 12378-PeCDD  | 1      | ND    | 1.6                         |
| 123478-HxCDD   | 0.1    | ND    | 1.7                         |
| 123678-HxCDD   | 0.1    | ND    | 1.7                         |
| 123789-HxCDD   | 0.1    | ND    | 1.7                         |
| 1234678-HpCDD  | 0.01   | ND    | 2.7                         |
| 12346789-OCDD  | 0.0001 | ND    | 3.6                         |
| 2378TCDF   | 0.1    | ND    | 1.1                         |
| 12378-PeCDF  | 0.05   | ND    | 1                           |
| 23478-PeCDF  | 0.5    | ND    | 1                           |
| 123478-HxCDF   | 0.1    | ND    | 1.1                         |
| 123678-HxCDF   | 0.1    | ND    | 1.1                         |
| 234678-HxCDF   | 0.1    | ND    | 1.1                         |
| 123789-HxCDF   | 0.1    | ND    | 1.4                         |
| 1234678-HpCDF  | 0.01   | ND    | 1.5                         |
| 1234789-HpCDF  | 0.01   | ND    | 2.1                         |
| 12346789-OCDF  | 0.0001 | ND    | 2.7                         |
| <b>Total TEQ:</b> <b>Non-Detects = Detection Limit</b> |        |       | 4.7                         |
| <b>Non-Detects = 1/2 d.l.</b>                          |        |       | 2.4                         |
| <b>Non-Detects = zero</b>                              |        |       | 0                           |

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**PHASE II RESIDENTIAL WATER WELLS****9685 MIDLAND****TLI#57503r1**

| Analyte  | TEF    | Flags | Concentration<br>pg/l (ppq) |
|--|--------|-------|-----------------------------|
| 2378-TCDD  | 1      | ND    | 4.4                         |
| 12378-PeCDD  | 1      | ND    | 3.6                         |
| 123478-HxCDD   | 0.1    | ND    | 5.3                         |
| 123678-HxCDD   | 0.1    | ND    | 5.8                         |
| 123789-HxCDD   | 0.1    | ND    | 5.4                         |
| 1234678-HpCDD  | 0.01   | ND    | 13.2                        |
| 12346789-OCDD  | 0.0001 | ND    | 23.9                        |
| 2378TCDF   | 0.1    | ND    | 3.2                         |
| 12378-PeCDF  | 0.05   | ND    | 2.9                         |
| 23478-PeCDF  | 0.5    | ND    | 2.6                         |
| 123478-HxCDF   | 0.1    | ND    | 4.3                         |
| 123678-HxCDF   | 0.1    | ND    | 3.8                         |
| 234678-HxCDF   | 0.1    | ND    | 3.8                         |
| 123789-HxCDF   | 0.1    | ND    | 5                           |
| 1234678-HpCDF  | 0.01   | ND    | 6.4                         |
| 1234789-HpCDF  | 0.01   | ND    | 8.6                         |
| 12346789-OCDF  | 0.0001 | ND    | 19.3                        |
| <b>Total TEQ:</b> <b>Non-Detects = Detection Limit</b> |        |       | 13                          |
| <b>Non-Detects = 1/2 d.l.</b>                          |        |       | 6.7                         |
| <b>Non-Detects = zero</b>                              |        |       | 0                           |

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**PHASE II RESIDENTIAL WATER WELLS****9705 MIDLAND****TLI#57514r1**

| Analyte   | TEF    | Flags | Concentration<br>pg/l (ppq) |
|---|--------|-------|-----------------------------|
| 2378-TCDD                                       | 1      |       | 13.1                        |
| 12378-PeCDD                                     | 1      | JB    | 23.8                        |
| 123478-HxCDD                                    | 0.1    | JB    | 26.9                        |
| 123678-HxCDD                                    | 0.1    | J     | 25.6                        |
| 123789-HxCDD                                    | 0.1    | JB    | 25.2                        |
| 1234678-HpCDD                                   | 0.01   | JB    | 20.5                        |
| 12346789-OCDD                                   | 0.0001 | J     | 37.1                        |
| 2378TCDF  | 0.1    | B     | 16.6                        |
| 12378-PeCDF                                     | 0.05   | JB    | 26.8                        |
| 23478-PeCDF                                     | 0.5    | JB    | 22.7                        |
| 123478-HxCDF                                    | 0.1    | JB    | 22.6                        |
| 123678-HxCDF                                    | 0.1    | JB    | 21.8                        |
| 234678-HxCDF                                    | 0.1    | JB    | 25.3                        |
| 123789-HxCDF                                    | 0.1    | JB    | 25                          |
| 1234678-HpCDF                                   | 0.01   | JB    | 20.9                        |
| 1234789-HpCDF                                   | 0.01   | J     | 21                          |
| 12346789-OCDF                                   | 0.0001 | JB    | 33                          |
| <b>Total TEQ:</b> Non-Detects = Detection Limit |        |       | 69                          |
| Non-Detects = 1/2 d.l.                          |        |       | 69                          |
| Non-Detects = zero                              |        |       | 69                          |

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**PHASE II RESIDENTIAL WATER WELLS****9705 MIDLAND****TLI#58354**

| Analyte   | TEF    | Flags | Concentration<br>pg/l (ppq) |
|---|--------|-------|-----------------------------|
| 2378-TCDD                                       | 1      | ND    | 3.8                         |
| 12378-PeCDD                                     | 1      | ND    | 4.4                         |
| 123478-HxCDD                                    | 0.1    | ND    | 4.8                         |
| 123678-HxCDD                                    | 0.1    | ND    | 4.8                         |
| 123789-HxCDD                                    | 0.1    | ND    | 4.6                         |
| 1234678-HpCDD                                   | 0.01   | ND    | 7.2                         |
| 12346789-OCDD                                   | 0.0001 | ND    | 10.2                        |
| 2378TCDF  | 0.1    | ND    | 3                           |
| 12378-PeCDF                                     | 0.05   | ND    | 3                           |
| 23478-PeCDF                                     | 0.5    | ND    | 3                           |
| 123478-HxCDF                                    | 0.1    | ND    | 3.1                         |
| 123678-HxCDF                                    | 0.1    | ND    | 3.2                         |
| 234678-HxCDF                                    | 0.1    | ND    | 3.4                         |
| 123789-HxCDF                                    | 0.1    | ND    | 4.3                         |
| 1234678-HpCDF                                   | 0.01   | ND    | 4.4                         |
| 1234789-HpCDF                                   | 0.01   | ND    | 6.2                         |
| 12346789-OCDF                                   | 0.0001 | ND    | 8.5                         |
| <b>Total TEQ:</b> Non-Detects = Detection Limit |        |       | 13                          |
| Non-Detects = 1/2 d.l.                          |        |       | 6.6                         |
| Non-Detects = zero                              |        |       | 0                           |

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**PHASE II RESIDENTIAL WATER WELLS****9705 MIDLAND****TLI#58554r1**

| Analyte       | TEF    | Flags | Concentration<br>pg/l (ppq) |
|---------------|--------|-------|-----------------------------|
| 2378-TCDD     | 1      | ND    | 0.9                         |
| 12378-PeCDD   | 1      | ND    | 1                           |
| 123478-HxCDD  | 0.1    | ND    | 0.8                         |
| 123678-HxCDD  | 0.1    | ND    | 0.9                         |
| 123789-HxCDD  | 0.1    | ND    | 0.9                         |
| 1234678-HpCDD | 0.01   | ND    | 1.5                         |
| 12346789-OCDD | 0.0001 | JB    | 9.6                         |
| 2378TCDF      | 0.1    | ND    | 0.7                         |
| 12378-PeCDF   | 0.05   | ND    | 0.8                         |
| 23478-PeCDF   | 0.5    | ND    | 0.7                         |
| 123478-HxCDF  | 0.1    | JB    | 1.5                         |
| 123678-HxCDF  | 0.1    | ND    | 0.7                         |
| 234678-HxCDF  | 0.1    | ND    | 0.7                         |
| 123789-HxCDF  | 0.1    | ND    | 0.9                         |
| 1234678-HpCDF | 0.01   | J     | 2                           |
| 1234789-HpCDF | 0.01   | ND    | 1.3                         |
| 12346789-OCDF | 0.0001 | J     | 41.4                        |

Total TEQ: Non-Detects = Detection Limit 3.1  
Non-Detects = 1/2 d.l. 1.6  
Non-Detects = zero 0.18

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**PHASE II RESIDENTIAL WATER WELLS****9805 MIDLAND****TLI#58554**

| Analyte       | TEF    | Flags | Concentration<br>pg/l (ppq) |
|---------------|--------|-------|-----------------------------|
| 2378-TCDD     | 1      | ND    | 1.5                         |
| 12378-PeCDD   | 1      | ND    | 1.8                         |
| 123478-HxCDD  | 0.1    | ND    | 1.6                         |
| 123678-HxCDD  | 0.1    | ND    | 1.8                         |
| 123789-HxCDD  | 0.1    | ND    | 1.6                         |
| 1234678-HpCDD | 0.01   | ND    | 2.6                         |
| 12346789-OCDD | 0.0001 | J     | 15.4                        |
| 2378TCDF      | 0.1    | ND    | 1.2                         |
| 12378-PeCDF   | 0.05   | XJ    | 14.5                        |
| 23478-PeCDF   | 0.5    | ND    | 1.2                         |
| 123478-HxCDF  | 0.1    | ND    | 2.3                         |
| 123678-HxCDF  | 0.1    | ND    | 1.1                         |
| 234678-HxCDF  | 0.1    | ND    | 1.1                         |
| 123789-HxCDF  | 0.1    | ND    | 1.5                         |
| 1234678-HpCDF | 0.01   | J     | 5.7                         |
| 1234789-HpCDF | 0.01   | ND    | 2.4                         |
| 12346789-OCDF | 0.0001 | J     | 41.8                        |

Total TEQ: Non-Detects = Detection Limit 6.0  
Non-Detects = 1/2 d.l. 3.4  
Non-Detects = zero 0.79

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**PHASE II RESIDENTIAL WATER WELLS****9915 MIDLAND****TLI#57503r1**

| Analyte       | TEF    | Flags | Concentration<br>pg/l (ppq) |
|---------------|--------|-------|-----------------------------|
| 2378-TCDD     | 1      | ND    | 2.4                         |
| 12378-PeCDD   | 1      | ND    | 2.2                         |
| 123478-HxCDD  | 0.1    | ND    | 3.6                         |
| 123678-HxCDD  | 0.1    | ND    | 3.3                         |
| 123789-HxCDD  | 0.1    | ND    | 3.4                         |
| 1234678-HpCDD | 0.01   | ND    | 7.7                         |
| 12346789-OCDD | 0.0001 | ND    | 13.4                        |
| 2378TCDF      | 0.1    | ND    | 2                           |
| 12378-PeCDF   | 0.05   | ND    | 1.9                         |
| 23478-PeCDF   | 0.5    | ND    | 1.6                         |
| 123478-HxCDF  | 0.1    | ND    | 2.7                         |
| 123678-HxCDF  | 0.1    | ND    | 2.4                         |
| 234678-HxCDF  | 0.1    | ND    | 2.2                         |
| 123789-HxCDF  | 0.1    | ND    | 3                           |
| 1234678-HpCDF | 0.01   | ND    | 3.9                         |
| 1234789-HpCDF | 0.01   | ND    | 5.5                         |
| 12346789-OCDF | 0.0001 | ND    | 11.7                        |

Total TEQ: Non-Detects = Detection Limit 7.9  
Non-Detects = 1/2 d.l. 4.0  
Non-Detects = zero 0

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**PHASE II RESIDENTIAL WATER WELLS****9930 MIDLAND****TLI#58554**

| Analyte       | TEF    | Flags | Concentration<br>pg/l (ppq) |
|---------------|--------|-------|-----------------------------|
| 2378-TCDD     | 1      | ND    | 2.7                         |
| 12378-PeCDD   | 1      | ND    | 3                           |
| 123478-HxCDD  | 0.1    | ND    | 2.6                         |
| 123678-HxCDD  | 0.1    | ND    | 2.6                         |
| 123789-HxCDD  | 0.1    | ND    | 2.4                         |
| 1234678-HpCDD | 0.01   | ND    | 3.9                         |
| 12346789-OCDD | 0.0001 | J     | 10.1                        |
| 2378TCDF      | 0.1    | ND    | 2.1                         |
| 12378-PeCDF   | 0.05   | ND    | 2.2                         |
| 23478-PeCDF   | 0.5    | ND    | 2                           |
| 123478-HxCDF  | 0.1    | ND    | 1.7                         |
| 123678-HxCDF  | 0.1    | ND    | 1.7                         |
| 234678-HxCDF  | 0.1    | ND    | 1.7                         |
| 123789-HxCDF  | 0.1    | ND    | 2.4                         |
| 1234678-HpCDF | 0.01   | J     | 2.8                         |
| 1234789-HpCDF | 0.01   | ND    | 3.6                         |
| 12346789-OCDF | 0.0001 | J     | 27.6                        |

Total TEQ: Non-Detects = Detection Limit 8.6  
Non-Detects = 1/2 d.l. 4.3  
Non-Detects = zero 0.032

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**PHASE II RESIDENTIAL WATER WELLS****9975 MIDLAND****TLI#58554**

| Analyte       | TEF    | Flags | Concentration<br>pg/l (ppq) |
|---------------|--------|-------|-----------------------------|
| 2378-TCDD     | 1      | ND    | 3                           |
| 12378-PeCDD   | 1      | ND    | 3.3                         |
| 123478-HxCDD  | 0.1    | ND    | 2.6                         |
| 123678-HxCDD  | 0.1    | ND    | 2.8                         |
| 123789-HxCDD  | 0.1    | ND    | 2.5                         |
| 1234678-HpCDD | 0.01   | ND    | 4.2                         |
| 12346789-OCDD | 0.0001 | ND    | 7.2                         |
| 2378TCDF      | 0.1    | ND    | 2.4                         |
| 12378-PeCDF   | 0.05   | ND    | 2.3                         |
| 23478-PeCDF   | 0.5    | ND    | 2                           |
| 123478-HxCDF  | 0.1    | ND    | 1.8                         |
| 123678-HxCDF  | 0.1    | ND    | 1.8                         |
| 234678-HxCDF  | 0.1    | ND    | 1.8                         |
| 123789-HxCDF  | 0.1    | ND    | 2.7                         |
| 1234678-HpCDF | 0.01   | ND    | 2.5                         |
| 1234789-HpCDF | 0.01   | ND    | 3.8                         |
| 12346789-OCDF | 0.0001 | ND    | 6                           |

Total TEQ: Non-Detects = Detection Limit 9.4  
Non-Detects = 1/2 d.l. 4.7  
Non-Detects = zero 0

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**PHASE II RESIDENTIAL WATER WELLS****BAY 1-Bay City****TLI#58671**

| Analyte       | TEF    | Flags | Concentration<br>pg/l (ppq) |
|---------------|--------|-------|-----------------------------|
| 2378-TCDD     | 1      | ND    | 1.8                         |
| 12378-PeCDD   | 1      | ND    | 2.1                         |
| 123478-HxCDD  | 0.1    | ND    | 2.3                         |
| 123678-HxCDD  | 0.1    | ND    | 2.4                         |
| 123789-HxCDD  | 0.1    | ND    | 2.4                         |
| 1234678-HpCDD | 0.01   | ND    | 5                           |
| 12346789-OCDD | 0.0001 | ND    | 10.5                        |
| 2378TCDF      | 0.1    | ND    | 1.3                         |
| 12378-PeCDF   | 0.05   | ND    | 1.5                         |
| 23478-PeCDF   | 0.5    | ND    | 1.4                         |
| 123478-HxCDF  | 0.1    | JB    | 2.5                         |
| 123678-HxCDF  | 0.1    | ND    | 1.4                         |
| 234678-HxCDF  | 0.1    | ND    | 1.5                         |
| 123789-HxCDF  | 0.1    | ND    | 2.2                         |
| 1234678-HpCDF | 0.01   | ND    | 2.2                         |
| 1234789-HpCDF | 0.01   | ND    | 4                           |
| 12346789-OCDF | 0.0001 | ND    | 7.8                         |

Total TEQ: Non-Detects = Detection Limit 6.4  
Non-Detects = 1/2 d.l. 3.3  
Non-Detects = zero 0.25

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**PHASE II RESIDENTIAL WATER WELLS****BAY 2-Saginaw****TLI#57622A**

| Analyte       | TEF    | Flags | Concentration<br>pg/l (ppq) |
|---------------|--------|-------|-----------------------------|
| 2378-TCDD     | 1      | ND    | 1.2                         |
| 12378-PeCDD   | 1      | ND    | 1                           |
| 123478-HxCDD  | 0.1    | ND    | 1.5                         |
| 123678-HxCDD  | 0.1    | ND    | 1.6                         |
| 123789-HxCDD  | 0.1    | ND    | 1.6                         |
| 1234678-HpCDD | 0.01   | ND    | 2.5                         |
| 12346789-OCDD | 0.0001 | JB    | 8.5                         |
| 2378TCDF      | 0.1    | ND    | 1                           |
| 12378-PeCDF   | 0.05   | ND    | 0.8                         |
| 23478-PeCDF   | 0.5    | ND    | 0.7                         |
| 123478-HxCDF  | 0.1    | ND    | 1.1                         |
| 123678-HxCDF  | 0.1    | ND    | 1                           |
| 234678-HxCDF  | 0.1    | ND    | 1                           |
| 123789-HxCDF  | 0.1    | ND    | 1.3                         |
| 1234678-HpCDF | 0.01   | ND    | 1.7                         |
| 1234789-HpCDF | 0.01   | ND    | 2                           |
| 12346789-OCDF | 0.0001 | ND    | 2.5                         |

Total TEQ: Non-Detects = Detection Limit 3.7  
Non-Detects = 1/2 d.l. 1.8  
Non-Detects = zero 0.00085

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**PHASE II RESIDENTIAL WATER WELLS****BAY 2-Saginaw Township****TLI#58671**

| Analyte       | TEF    | Flags | Concentration<br>pg/l (ppq) |
|---------------|--------|-------|-----------------------------|
| 2378-TCDD     | 1      | ND    | 1.5                         |
| 12378-PeCDD   | 1      | ND    | 2.4                         |
| 123478-HxCDD  | 0.1    | ND    | 2.2                         |
| 123678-HxCDD  | 0.1    | ND    | 2.2                         |
| 123789-HxCDD  | 0.1    | ND    | 2.2                         |
| 1234678-HpCDD | 0.01   | J     | 7.9                         |
| 12346789-OCDD | 0.0001 |       | 147                         |
| 2378TCDF      | 0.1    | ND    | 1.2                         |
| 12378-PeCDF   | 0.05   | ND    | 1.6                         |
| 23478-PeCDF   | 0.5    | ND    | 1.3                         |
| 123478-HxCDF  | 0.1    | ND    | 1.3                         |
| 123678-HxCDF  | 0.1    | ND    | 1.3                         |
| 234678-HxCDF  | 0.1    | ND    | 1.3                         |
| 123789-HxCDF  | 0.1    | ND    | 1.9                         |
| 1234678-HpCDF | 0.01   | ND    | 1.9                         |
| 1234789-HpCDF | 0.01   | ND    | 3.1                         |
| 12346789-OCDF | 0.0001 | ND    | 18.3                        |

Total TEQ: Non-Detects = Detection Limit 6.1  
Non-Detects = 1/2 d.l. 3.1  
Non-Detects = zero 0.094

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**PHASE II RESIDENTIAL WATER WELLS****BAY 3-Midland/Auburn****TLI#58671**

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| Analyte       | TEF    | Flags | Concentration<br>pg/l (ppq) |
|---------------|--------|-------|-----------------------------|
| 2378-TCDD     | 1      | ND    | 2.1                         |
| 12378-PeCDD   | 1      | ND    | 3.6                         |
| 123478-HxCDD  | 0.1    | ND    | 2.2                         |
| 123678-HxCDD  | 0.1    | ND    | 2.3                         |
| 123789-HxCDD  | 0.1    | ND    | 2.3                         |
| 1234678-HpCDD | 0.01   | ND    | 4.2                         |
| 12346789-OCDD | 0.0001 | ND    | 9.5                         |
| 2378TCDF      | 0.1    | ND    | 1.4                         |
| 12378-PeCDF   | 0.05   | ND    | 1.8                         |
| 23478-PeCDF   | 0.5    | ND    | 2                           |
| 123478-HxCDF  | 0.1    | ND    | 1.5                         |
| 123678-HxCDF  | 0.1    | ND    | 1.4                         |
| 234678-HxCDF  | 0.1    | ND    | 1.4                         |
| 123789-HxCDF  | 0.1    | ND    | 2                           |
| 1234678-HpCDF | 0.01   | ND    | 1.9                         |
| 1234789-HpCDF | 0.01   | ND    | 3.1                         |
| 12346789-OCDF | 0.0001 | ND    | 7                           |

**Total TEQ:** Non-Detects = Detection Limit      8.3  
Non-Detects = 1/2 d.l.      4.2  
Non-Detects = zero      0